

Porcine Resistin-like molecule beta ELISA Kit | RELMb elisa kit

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CATALOG #
AAA97179

REACTIVITY
Porcine

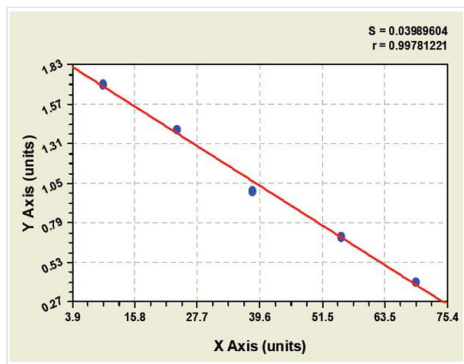
PRODUCT SYNONYMS

Resistin-like molecule beta; Porcine Resistin-like molecule beta ELISA Kit; RELMb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This RELMb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine RELMb. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RELMb elisa kit

Principle of the Assay: RELMb ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RELMb antibody and an RELMb-HRP conjugate. The assay sample and buffer are incubated together with RELMb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RELMb concentration since RELMb from samples and RELMb-HRP conjugate compete for the anti-RELMb antibody binding site. Since the number of sites is limited, as more sites are occupied by RELMb from the sample, fewer sites are left to bind RELMb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RELMb concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211897
NCBI GeneID	84666
NCBI Accession #	NP_115968.1
NCBI GenBank Nucleotide #	NM_032579.2
Molecular Weight	11,730 Da
NCBI Official Full Name	resistin-like beta
NCBI Official Synonym Full Names	resistin like beta
NCBI Official Symbol	RETNLB
NCBI Official Synonym Symbols	XCP2; FIZZ1; FIZZ2; HXCP2; RELMb; RELMbeta; RELM-beta
NCBI Protein Information	resistin-like beta; found in inflammatory zone 1; colon carcinoma-related gene protein; cysteine-rich secreted protein FIZZ2; cysteine-rich secreted A12-alpha-like protein 1; cysteine-rich secreted protein A12-alpha-like 1; colon and small intestine-specific cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2
UniProt Protein Name	Resistin-like beta
UniProt Gene Name	RETNLB
UniProt Synonym Gene Names	CCRG; FIZZ2; HXCP2; RETNL2; UNQ408/PRO770
UniProt Entry Name	RETNB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/reldb-porcine-elisa-kits/resistin-like-molecule-beta/97179>